Applicant:

Everett Simons

For:

Robust, Low-Resistance Elastomeric Conductive Polymer Interconnect

ABSTRACT

An elastomeric device for electrically interconnecting two or more components,

and a method for making the device. The device comprises an elastomeric matrix having

one or more outer surfaces, and one or more electrically conductive pathways through the

matrix, wherein at least a portion of the electrical pathway contains a material that is an

electrically conductive liquid at the elastomeric device's operating temperature.